

ABSTRACT

The invention enables to load and unload batteries of varying sizes efficiently.

Storage apparatus 10 is equipped with storage compartment 25 capable of storing battery A of three different kinds of thicknesses and a lid that covers an insertion port 34 of the storage compartment 25. Storage compartment 25 is internally equipped with position regulating plate part 70 on ceiling part 32 and ejection urging part 50, a thickness judging part, and contact point part 40 on end surface 33 at the back side. Position regulating plate part 70 is equipped with three rotatable position regulating plates 71, 72 and 73. Position regulating plates 71, 72 and 73 are urged by regulating springs 81, 82 and 83 to protrude vertically into storage compartment 25. When battery A is inserted, one through three position regulating plates 71, 72 and 73 guide battery A to cause it to be pressed to bottom surface part 31 of the storage compartment 25. Any one of position regulating plates 71, 72 and 73 that does not abut battery A oppose perpendicularly to battery A prohibits movement of battery A in the thickness direction. By closing the lid, battery A can be loaded to be positioned in a prescribed position.